

**REMARKS**

The Examiner has rejected claim 11 as improperly depending on claim 10. Claim 11 has been amended to depend on claim 9. This claim is now proper as a FRET pair is a particular example of L1 and L2 where L1 is a fluorophore or a chromophore and L2 is a fluorophore or a chromophore.

The Examiner has rejected claims 1-2, 4-6, 14-15, 44 and 47 under 35 U.S.C. 112 first paragraph because claim 1 states that L2 can be a peptide nucleic acid capable of undergoing base pairing with its complementary strand. For purposes only of advancing prosecution, applicants have deleted "peptide nucleic acid" from claim 1.

Applicants hereby submit a replacement specification.

**CONCLUSION**

Applicants respectfully submit that this case is in condition for immediate allowance. Early and favorable consideration leading to prompt issuance of this Application is earnestly solicited.

Applicants submit a notice of appeal and petition for a one-month extension of time. Applicants authorize that the amount of \$75.00, covering the fees for the notice and extension, be charged to Deposit Account No. 14-0740. Please charge any deficiencies to the same Account.

Respectfully submitted,

NEW ENGLAND BIOLABS, INC.

Date: October 17, 2011

Customer No.: 28986

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